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Attorney Docket No. : 11520.0222

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit : 1635

Examiner : Dr. James Schultz



Applicant	:	SUGA et al.
Serial No.	:	09/721,414
Filing Date	:	November 22, 2000
Title	:	CATALYTIC RNAs WITH AMINOACYLATION ACTIVITY

**INFORMATION  
DISCLOSURE  
STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450.

John Lopinski

Name of person signing the certification

Signature

January 6, 2005

Date

Sir:

Applicants submit herewith a copy of the International Search Report, a PTO-1449 form, and a copy of the information listed thereon. The International Search Report issued in connection with an International patent application that is a counterpart of the above-identified U.S. patent application.

Applicants respectfully request that the information listed on the enclosed PTO-1449 form be considered and entered of record in this application.

Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement. Therefore, pursuant to 37 C.F.R. §1.97(c)(1), no fee is required.

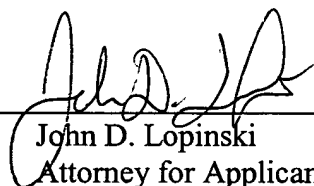
Serial No.: 10/411,507

Attorney Docket No.: 11520.0222

However, if it is found that any fee is occasioned by this Information Disclosure Statement, the Commissioner is hereby authorized to deduct the fee from Deposit Account No. 08-2442 of the undersigned.

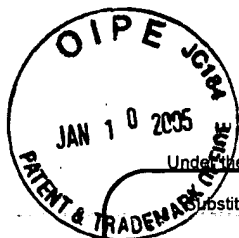
Respectfully submitted,  
HODGSON RUSS LLP  
Attorneys for Applicants

By: \_\_\_\_\_

  
John D. Lopinski  
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Reg. No. 50,846

Date: January 6, 2005

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PTO/SB/08a (05-03)

Approved for use through 05/31/2003. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	09/721,414
Filing Date	November 22, 2000
First Named Inventor	Hiroaki Suga et al.
Art Unit	1635
Examiner Name	Dr. James Schultz
Attorney Docket Number	11520.0222

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
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**FOREIGN PATENT DOCUMENTS**

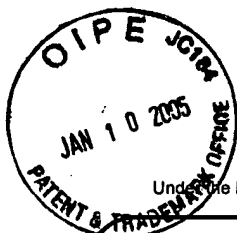
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	1 <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	A	WO 99/36517	22-07-1999	JENNE, Andreas		

Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Examiner Name	Dr. James Schultz
Attorney Docket Number	11520.0222

Sheet 2 of 2

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B	ILLANGASEKARE, M. et al., Specific, rapid synthesis of Phe-RNA by RNA, Proceedings of the National Academy of Sciences of the United States of America, May 11, 1999, Vol. 96, No. 10, pp. 5470-5475	
	C	LEE, N. et al., Ribozyme-Catalyzed TRNA Aminoacylation, Nature Structural Biology, New York, NY, US, Vol. 7, No. 1, January 2000, pp. 28-33	
	D	SCHIMMEL, P. et al., Exiting an RNA world, Nature Structural Biology, January 2000, Vol. 7, No. 1, pp. 5-7	

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